

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	10/798,857
Filing Date	March 11, 2004
First Named Inventor	James F. BROWN
Art Unit	1641
Examiner Name	C. L. Chin
Attorney Docket Number	LT00043.3 DIV (NEW) 832_001 DIV3 (OLD)

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				Translation ⁸
	1	Ruano, Gualberto et al., "Haplotype of Multiple Polymorphisms Resolved by Enzymatic Amplification of Single DNA Molecules," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , Aug. 1990, Vol. 87, Iss. 16, pp. 6296-6300.				
	2	SOLID TM System, Sequencing by Oligonucleotide Ligation and Detection," Presentation, Nov. 2006, Applied Biosystems.				
	3	Sykes, P.J. et al., "Quantitation of Targets for PCR by Use of Limiting Dilution," <i>BioTechniques</i> , 1992, Vol. 13, No. 3, pp. 444-449.				
	4	Chetverina, Helena V., and Chetverin, Alexander B., "Cloning of RNA molecules <i>in vitro</i> ," <i>Nucleic Acids Research</i> , 1993, Vol. 21, No. 10, pp. 2349-2353.				
	5	Newton, C.R. et al., "Analysis of any point mutation in DNA. The amplification refractory mutation system (ARMS)," <i>Nucleic Acids Research</i> , 1989, Vol. 17, No. 7, pp. 2503-2516.				
	6	Voss, Hartmut et al., "Direct genomic fluorescent on-line sequencing and analysis using <i>in vitro</i> amplification of DNA," <i>Nucleic Acids Research</i> , 1989, Vol. 17, No. 7, pp. 2517-2527.				
	7	Lamture, Jagannath B. et al., "Direct detection of nucleic acid hybridization on the surface of a charge coupled device," <i>Nucleic Acids Research</i> , 1994, Vol. 22, No. 11, pp. 2121-2125.				
	8	Southern, Ed M., "DNA chips: analysing sequence by hybridization to oligonucleotides on a large scale," <i>Trends in Genetics</i> , Mar. 1996, Vol. 12, No. 3, pp. 110-115.				
	9	Southern, Edwin M., "High-density gridding: techniques and applications," <i>Biotechnology</i> , 1996, Vol. 7, pp. 85-88.				
	10	Van Ness, Jeffrey et al., "A versatile solid support system for oligodeoxynucleotide probe-based hybridization assays," <i>Nucleic Acids Research</i> , 1991, Vol. 19, No. 12, pp. 3345-3350.				
	11	Käler, Max et al., "Arrayed identification of DNA signatures," <i>Expert Review of Molecular Diagnostics</i> , Jan. 2007, Vol. 7, No. 1, pp. 65-76.				
	12	Mardis, Elaine R., "The impact of next-generation sequencing technology on genetics," <i>Trends in Genetics</i> , 2007, Vol. 24, No. 3, pp. 133-141.				
	13	Shendure, Jay A., "Overview of DNA Sequencing Strategies," <i>Current Protocols in Molecular Biology</i> , Jan. 2008, Vol. 81, pp. 7.1.1-7.1.11.				
	14	"DNA Sequencing," Product Guide, Illumina, Inc., San Diego, CA, Dec. 2007, pp. 58-79.				

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15	Lukyanov, Konstantin A., "Molecule by molecule PCR amplification of complex DNA mixtures for direct sequencing: an approach to <i>in vitro</i> cloning," <i>Nucleic Acids Research</i> , 1996, Vol. 24, No. 11, pp. 2194-2195.	
16	"Digital (or Clonal) PCR is an Essential Part of Processes for Second Generation Sequencing." [website page online]. Nature Publishing Group, webpage copyrighted 2008 [retrieved on 2008-10-23]. Retrieved from the Internet: <URL: www.genomicnanosystems.com/naturemethodsjan2008.html >.	
17	"DNA Sequencing with Solexa® Technology," Publication, May 1, 2007, No. 770-2007-002, Illumina, Inc., San Diego, CA.	
18	Simmonds, Peter et al., "Human Immunodeficiency Virus-Infected Individuals Contain Provirus in Small Numbers of Peripheral Mononuclear Cells and at Low Copy Numbers," <i>Journal of Virology</i> , Feb. 1990, Vol. 64, No. 2, pp. 864-872.	
19	Simmonds, Peter et al., "Analysis of Sequence Diversity in Hypervariable Regions of the External Glycoprotein of Human Immunodeficiency Virus Type 1," <i>Journal of Virology</i> , Dec. 1990, Vol. 64, No. 12, pp. 5840-5850.	

Examiner Signature	Date Considered
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